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ATTACHMENT D

OUTLINE OF PHASE III REPORT

[redacted] SYSTEM

Introduction

a. Design information

b. References to other reports

c. Misc.

I GENERAL

a. Type of report

b. Use of reference books and tube manuals

II SYSTEM OPERATION

a. Components of System and brief explanation of function

b. Operator's operational procedure (locking on, etc.)

c. Bretova tests

d. Operational factors to include multiple targets, noise, definition, scintillation, range, flexibility

e. Explanation of detailed block diagram of the System

III RADAR

a. Limits of Source's knowledge

b. Explanation of antenna synchronization system

c. Explanation of PAGC circuits

d. Radar limitations

e. Other components of radar

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V (COORDINATES Cabinet)

a. Introduction - limits of knowledgeability

b. Physical description of Cabinet

c. Explanation of Selector Circuits

d. Explanation of angle tracking circuits

(1) Target limitations

(2) Missile limitations

e. Explanation of range tracking circuits

(1) Target limitations

(2) Missile limitations

VI (COMMAND TRANSMITTER)

a. Explanation of circuits

VI (COMMAND RECEIVER)

a. Explanation of circuits

VII SIMULATORS FOR TESTING B-200

a. General use of test equipment - types of simulators used

b. Explanation of typical simulator used in the Institute

VIII COMPONENT PARTS

a. Availability

b. Specific information on designs and any available information on production and markings

c. Component acceptance testing

d. Production bottlenecks

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V E C M CONSIDERATIONS

a. Susceptability of countermeasures

(1) Soviet concern

(2) German discussions

(3) Source's analysis

VI TRENDS IN DEVELOPMENT OF B-200

a. Work after tests in Crimea

b. Comments on expected improvements

VII MULTIPLE B-200 INSTALLATIONS

a. Selection of command frequencies for adjacent sites

b. Selection of radar frequencies

VIII MISCELLANEOUS

a. Capabilities of Soviet Engineers (B-200)

b. Conferences

c. Design changes - implementation

d. Specialized instruments

e. Manpower

f. Power Supplies

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